

## Product datasheet for **RR203076L3V**

### Csnk2a1 (NM\_053824) Rat Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Csnk2a1 (NM_053824) Rat Tagged ORF Clone Lentiviral Particle
Symbol:	Csnk2a1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_053824
ORF Size:	1173 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RR203076).
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. <a href="#">More info</a>
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
RefSeq:	<a href="#">NM_053824.2</a> , <a href="#">NP_446276.1</a>
RefSeq Size:	1546 bp
RefSeq ORF:	1176 bp
Locus ID:	116549
UniProt ID:	<a href="#">P19139</a>
Cytogenetics:	3q41



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**Gene Summary:**

Casein kinase II is a serine/threonine protein kinase that phosphorylates acidic proteins such as casein. It is involved in various cellular processes, including cell cycle control, apoptosis, and circadian rhythms. The kinase exists as a tetramer and is composed of an alpha, an alpha-prime, and two beta subunits. The alpha subunits contain the catalytic activity while the beta subunits undergo autophosphorylation. The protein encoded by this gene represents the alpha subunit. [provided by RefSeq, Feb 2014]